

ABSTRACT OF DISCLOSURE

A beam scanning apparatus projects a beam onto a photoconductive drum according to corresponding image data, and includes a micro polarized array which is formed to receive a beam emitted from a light source and has a plurality of polarized cells arrayed in a predetermined direction. A polarization direction adjuster adjusts transmission directions of polarized elements of each polarized cell according to the image data. A light detecting plate receives the beam from the micro polarized array, transmitting polarized elements having a predetermined direction to a photoconductive drum.